

ABSTRACT

5 An axial flow type cooling fan, comprising an upper casing, a lower casing,
a rotor assembly, and a driving unit. The lower casing and the upper casing enclose
an inner space. The rotor assembly is housed in the inner space and performs a
rotational movement. The rotor assembly further comprises a plurality of blades,
attached to a central shaft and having a peripheral ring, from which a peripheral rim
extends outward. The driving unit has electric coils on the upper or lower casings
and permanent magnets on the peripheral rim, causing the rotational movement of
10 said rotor assembly. By the arrangement of these structural parts, an increased area
of air flow and consequently increased air flow are attained, while drag and noise
are reduced.